International Conference on Precision Physics and Fundamental Physical Constants (FFK-2019)



Contribution ID: 76 Type: not specified

The muon g-2 and the MuonE project

Tuesday 11 June 2019 17:55 (20 minutes)

After reviewing the theoretical status and the sources of uncertainties of the muon anomalous magnetic moment, I will present the idea of the experiment proposal MUonE aimed at a new determination of the Hadronic Leading Order contribution to the muon g-2. In particular the theoretical challenges related to the proposal will be discussed.

Author: PICCININI, Fulvio (Universita and INFN (IT))Presenter: PICCININI, Fulvio (Universita and INFN (IT))

Session Classification: Session 6: Magnetic moment, g factor